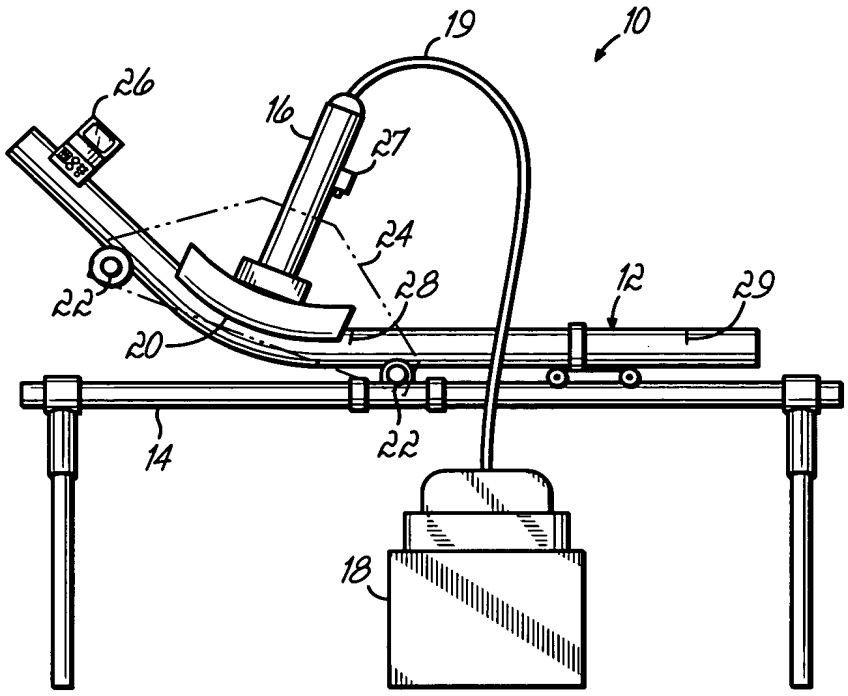
19
10
26
16
27
24
28
12
29
22
20
22
14
18

FIG. 1

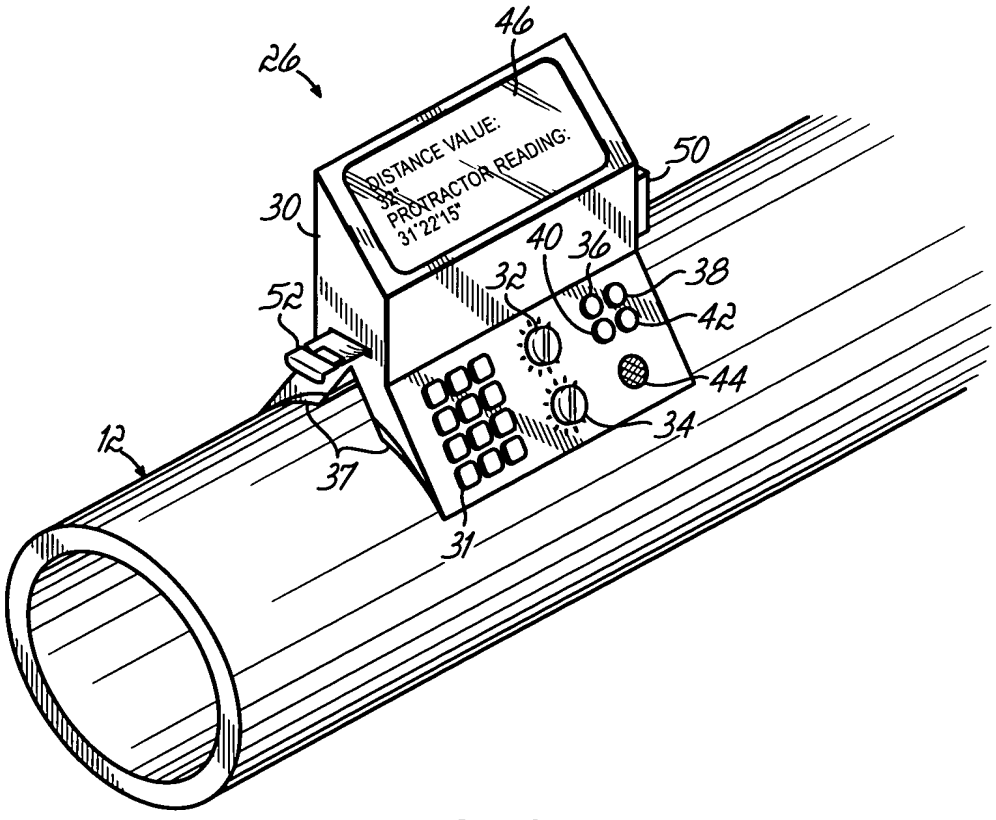
46
26
DISTANCE VALUE:
PROTRACTOR READING:
31°22'15"
50
30
40
36
38
32
52
42
44
34
12
37
31

FIG. 2

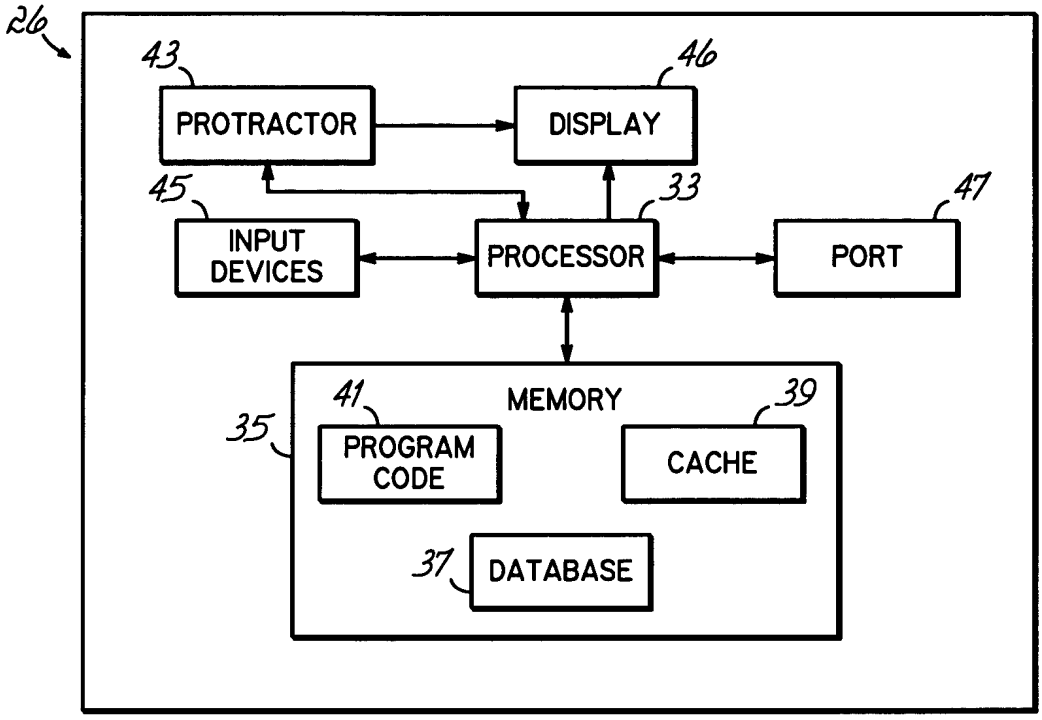
26
43
PROTRACTOR
46
DISPLAY
45
INPUT DEVICES
33
PROCESSOR
47
PORT
35
41
PROGRAM CODE
MEMORY
39
CACHE
37
DATABASE

FIG. 3

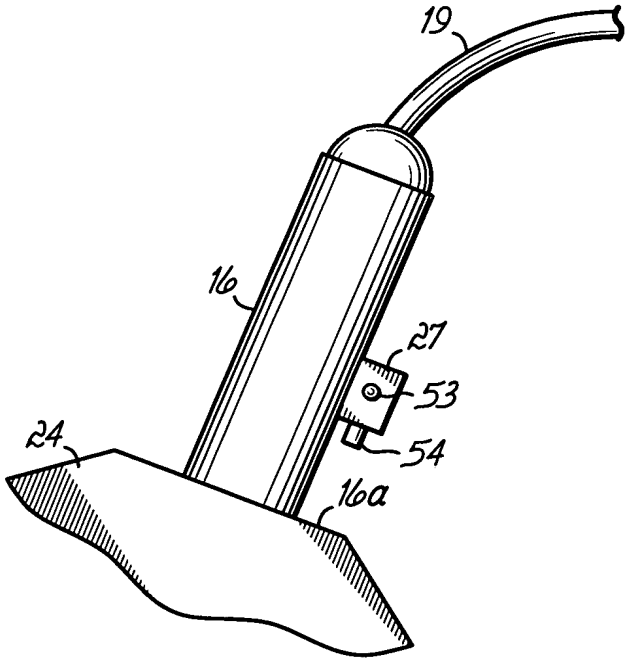
19
16
27
53
54
24
16a

FIG. 4

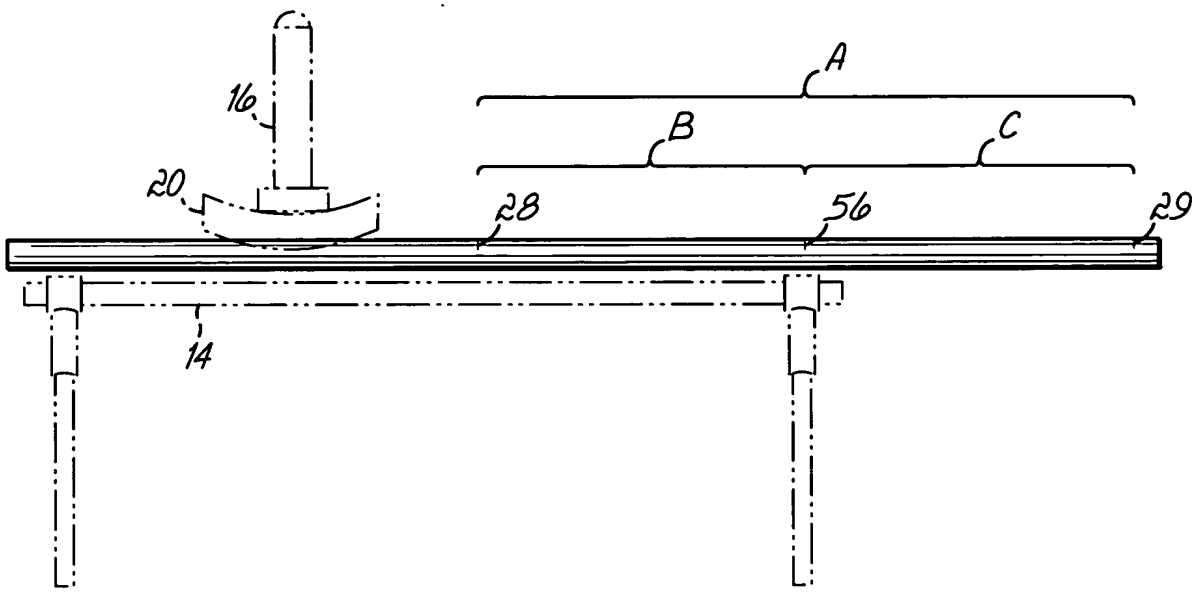
A
B
C
16
20
28
56
29
14

FIG. 5

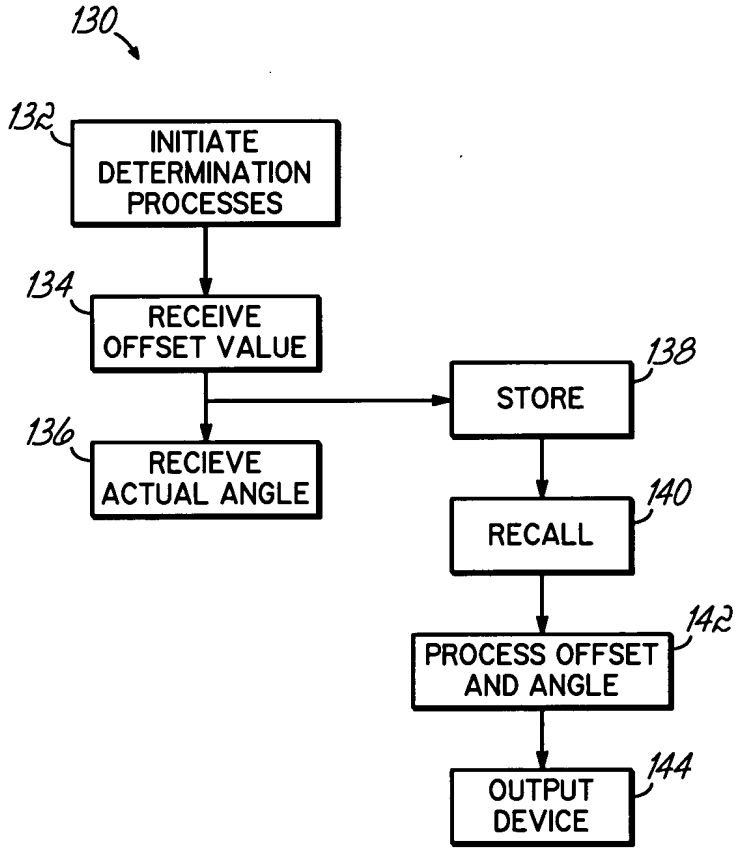
130
132
INITIATE DETERMINATION PROCESSES
134
RECEIVE OFFSET VALUE
136
RECIEVE ACTUAL ANGLE
138
STORE
140
RECALL
142
PROCESS OFFSET AND ANGLE
144
OUTPUT DEVICE

FIG. 7

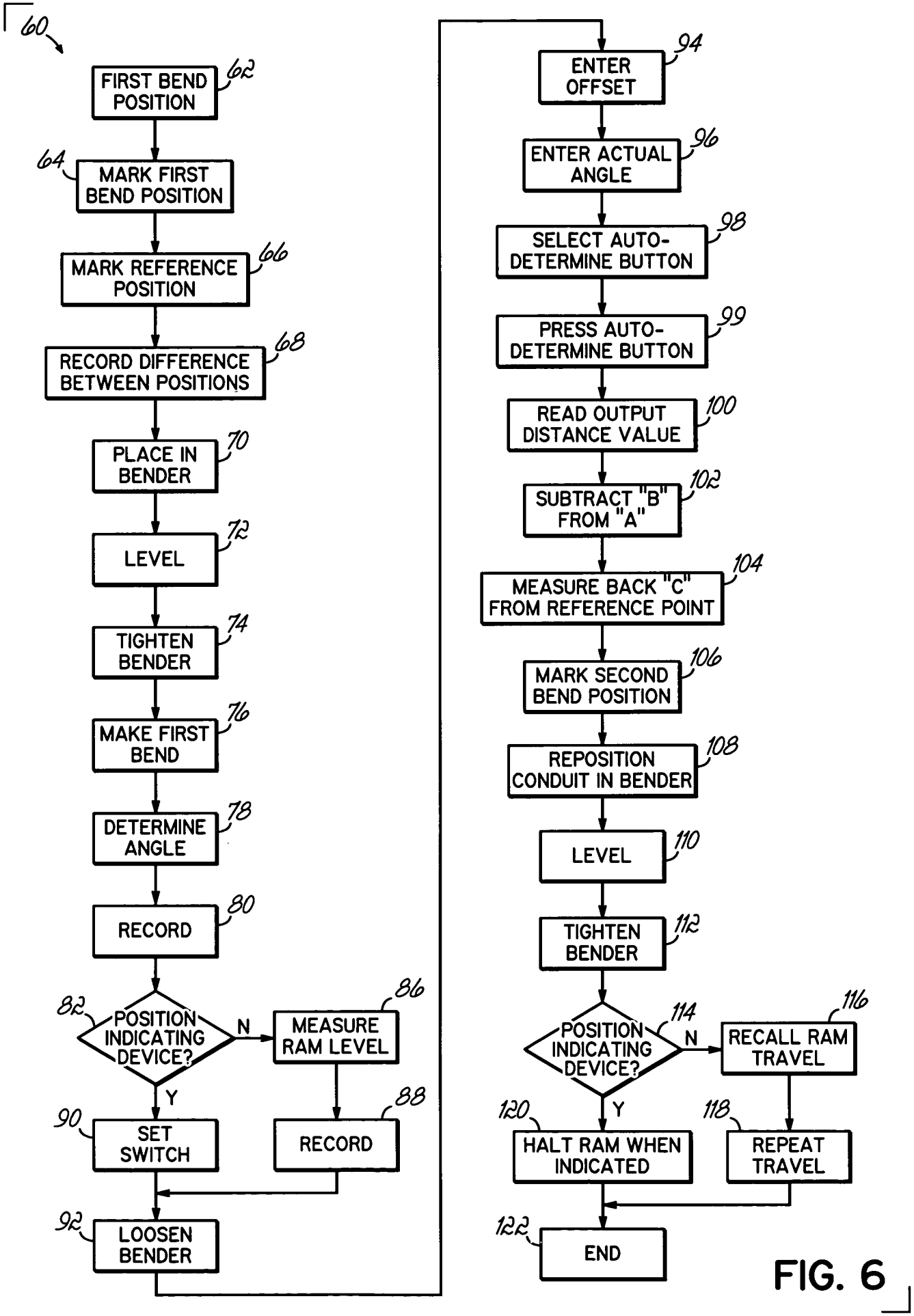
60
FIRST BEND POSITION
62
MARK FIRST BEND POSITION
64
MARK REFERENCE POSITION
66
RECORD DIFFERENCE BETWEEN POSITIONS
68
PLACE IN BENDER
70
LEVEL
72
TIGHTEN BENDER
74
MAKE FIRST BEND
76
DETERMINE ANGLE
78
RECORD
80
POSITION INDICATING DEVICE?
82
N
MEASURE RAM LEVEL
86
Y
SET SWITCH
90
RECORD
88
LOOSEN BENDER
92
ENTER OFFSET
94
ENTER ACTUAL ANGLE
96
SELECT AUTO-DETERMINE BUTTON
98
PRESS AUTO-DETERMINE BUTTON
99
READ OUTPUT DISTANCE VALUE
100
SUBTRACT "B" FROM "A"
102
MEASURE BACK "C" FROM REFERENCE POINT
104
MARK SECOND BEND POSITION
106
REPOSITION CONDUIT IN BENDER
108
LEVEL
110
TIGHTEN BENDER
112
POSITION INDICATING DEVICE?
114
N
RECALL RAM TRAVEL
116
Y
HALT RAM WHEN INDICATED
120
REPEAT TRAVEL
118
END
122

FIG. 6